

ITEM DESCRIPTION AND QUANTITY

Sl.No	Item Description	Qty (Nos.)
10	Supply and Installation of PLC in Press Machine	3
20	Supply and Installation of PLC system in HB609, Horizontal Boring Machine	1
30	Supply and Installation of PLC system in Shot Blast Machine	1

ITEM#10

SPECIFICATION: -

Installation of PLC system in Press machine

Qty. - 3 No's

PLC system replacement of old and obsolete PLC models of Goose Neck Press Machine Bay 2,4,7 in Building 1.

Work to be carried out for Three machines. All three (3) machines are identical to each other. The Work (Supply and service) Description (Common for each machine) has been described below: -

1. Scope of Supply

Supply of new PLC System Components which includes (Power supply unit, CPU & I/O Modules) with mounting arrangement, HMI along with control cables.

PLC program editing software

HMI program editing software

Communication cables for all offered PLCs for data transfer, backup of PLC programs. (To be offered one unique cable for each of different variant of offered PLC).

[Added Clause, Rev. 01]: -

Associated switchgear components (Relays, contactors etc.) along with mounting arrangement for connection with the offered PLC System inside existing electrical control panel also to be supplied.

The offered PLC components should have market support for minimum next 10 years for spare support.

Supplier to quote service/installation/programming charges item (Machine specific) wise in their offer inclusive of supply portion. Line item #10 is described as

Installation of PLC system in Press machine

Qty. - 3 No's

2. Scope of Service

Disconnection and removal of existing control cables associated with existing PLC system. This includes I/O module cable connection, power supply, modules inter connection (if any), HMI power and control cable etc.

Removal of existing PLC module and associated accessories which includes I/O Modules, Power supply unit, HMI etc.

[Added Clause, Rev. 01]: -

Removal of existing switchgear components inside electrical control panel, i.e. relays and contactors etc. along with mounting arrangement.

Mounting of supplied new switchgear components (i.e. Relays and contactors along with mounting arrangements) to be fitted inside existing electrical control panel.

Mounting of New PLC system components as offered for replacement with suitable mounting arrangement in existing electrical panel.

Mounting of HMI in existing HMI area.

Control cable wiring, laying, connection and termination as per existing connection arrangement for the new PLC system mounted in the control panel.

Control and Power cable wiring, laying, connection and termination for the new HMI system mounted in the panel area.

Programming and Uploading of PLC data and programming logics. Supplier is requested to study the machine and be ready with the new programs before zero day of starting the work so as to minimize the delay involved. Supplier is requested to clarify all their queries regarding the PLC program for each machine through BHEL site visits before zero day of work.

Programming and Uploading of HMI data

Installation and Prove Out of the New PLC System with HMI operations.

Prove out of all basic machine operations in front of BHEL personnel's.

Prove out of the machine performance - including verification of all functions of the machine, interlocks, testing the machine with no load and with full load.

Handling of PLC and HMI data backup for each of the Five machines.

Verification of documentation/O&M manual for PLC and HMI.

The Boarding, lodging and travelling expenses for supplier personnel will be borne by Supplier itself.

Supplier is requested to have a factory visit before submitting final offer for clear understanding of the scope of work and service charges involved till the date of hand over of machines with successful prove out in front of BHEL personnel's.

Payment will be made after successful completion of the service and satisfactory performance testing with the machine at BHEL's shop as per BHEL's terms and conditions for servicing

The offered price value for line item should be inclusive of supply as well as service portion of the scope of work involved as mentioned in the tender requirement.

The details of existing OLD PLC Models in each of three machines are as follows: -

Press Machine [Total Three Press machines] [each machine detail are: -]

Details	Make	Qty.
CPU NEXGEN 2000 PLUS SERIES WITH BASE RACK P2211+P2918	MESSUNG	1
POWER SUPPLY FOR CPU P2215	MESSUNG	1
16 DIGITAL INPUT MODULE P2616	MESSUNG	3
16 DIGITAL OUTPUT MODULE P2716	MESSUNG	2
MIXED ANALOG INPUT/OUTPUT MODULE P2364	MESSUNG	1
Mitsubishi Touch HMI MS-60T-C	Mitsubishi	1

Note:

1. Vendor may visit BHEL and study existing machine before quoting.

2. This is to note hard copy backup of PLC program for existing old PLC systems are available.

3. PLC drawings of all machine are available.

The whole scope to be carried out for three machines as per mentioned details.

ITEM#20

SPECIFICATION: -

Installation of PLC system in HB609, Horizontal Boring Machine

Qty. - 1 No.

PLC system replacement of old and obsolete PLC models of HB609 Horizontal boring machine bay 5 in Building 1.

Work to be carried out for mentioned machine. The Work (Supply and service) Description has been described below: -

1. Scope of Supply

Supply of new PLC System Components which includes (Power supply unit, CPU & I/O Modules) with mounting arrangement, HMI along with control cables.

PLC program editing software

HMI program editing software

Communication cables for all offered PLCs for data transfer, backup of PLC programs. (To be offered one unique cable for each of different variant of offered PLC).

[Added Clause, Rev. 01]: -

Associated switchgear components (Relays, contactors etc.) along with mounting arrangement for connection with the offered PLC System inside existing electrical control panel also to be supplied.

The offered PLC components should have market support for minimum next 10 years for spare support.

Supplier to quote service/installation/programming charges item (Machine specific) wise in their offer inclusive of supply portion. Line Item 20 is described as

Installation of PLC system in HB609

Qty. - 1 No.

2. Scope of Service

Disconnection and removal of existing control cables associated with existing PLC system. This includes I/O module cable connection, power supply, modules inter connection (if any), HMI power and control cable etc.

Removal of existing PLC module and associated accessories which includes I/O Modules, Power supply unit, HMI etc.

[Added Clause, Rev. 01]: -

Removal of existing switchgear components inside electrical control panel, i.e. relays and contactors etc. along with mounting arrangement.

Mounting of supplied new switchgear components (i.e. Relays and contactors along with mounting arrangements) to be fitted inside existing electrical control panel.

Mounting of New PLC system components as offered for replacement with suitable mounting arrangement in existing electrical panel.

Mounting of HMI in existing HMI area.

Control cable wiring, laying, connection and termination as per existing connection arrangement for the new PLC system mounted in the control panel.

Control and Power cable wiring, laying, connection and termination for the new HMI system mounted in the panel area.

Programming and Uploading of PLC data and programming logics. Supplier is requested to study the machine and be ready with the new programs before zero day of starting the work so as to minimize the delay involved. Supplier is requested to clarify all their queries regarding the PLC program for each machine through BHEL site visits before zero day of work.

Programming and Uploading of HMI data

Installation and Prove Out of the New PLC System with HMI operations.

Prove out of all basic machine operations in front of BHEL personnel's.

Prove out of the machine performance - including verification of all functions of the machine, interlocks, testing the machine with no load and with full load.

Handling of PLC and HMI data backup for each of the Five machines.

Verification of documentation/O&M manual for PLC and HMI.

The Boarding, lodging and travelling expenses for supplier personnel will be borne by Supplier itself.

Supplier is requested to have a factory visit before submitting final offer for clear understanding of the scope of work and service charges involved till the date of hand over of machines with successful prove out in front of BHEL personnel's.

Payment will be made after successful completion of the service and satisfactory performance testing with the machine at BHEL's shop as per BHEL's terms and conditions for servicing

The offered price value for every line item should be inclusive of supply as well as service portion of the scope of work involved as mentioned in the tender requirement.

The details of existing OLD PLC Models in the machine is as follows: -

Horizontal Boring Machine [One Machine]

1.

MAKE MESSUNG

MODEL XMP8-20

PART NO. EAIO- 0-21E

DETAIL PLC, EXPANSION UNIT (BOTTOM BOARD)

RATING 24VDC $\pm$ 20%,35W, SL.NO.: A1055, BASE PCB: A9E30P, TOP PCB-77DC01 SP046-1

QUANTITY 1 NO.

2.

MAKE MESSUNG

MODEL XMP8-20

PART NO. BDIO - 20/12R

DETAIL PLC, BASE UNIT (20 INPUT & 12 OUT PUT) (TOP BOARD)

RATING 24VDC±20%,35W, SL.NO.: A1055, BASE PCB: SP-003-5, TOP PCB-1.2898 SP038-0,2. EPROM PCB SP010-4-16K, EPROM CAS 1650,3.2898-SP038-0

QUANTITY 1 NO.

3.

MAKE MESSUNG

TYPE HMI

MODEL Smart line

Note:

1. Vendor may visit BHEL and study existing machine before quoting.
2. This is to note hard copy backup of PLC program for existing old PLC systems are available.
3. PLC drawings of all machine are available.

The whole scope to be carried out for one machine , HB609, Horizontal Boring Machine as per mentioned details.

ITEM#30

SPECIFICATION: -

Installation of PLC system in Shot Blast Machine

Qty. - 1 No.

PLC system replacement of old and obsolete PLC models of bay 12 Shot Blasting Machine in Building 1.

Work to be carried out for Five machines. The Work (Supply and service) Description (Common for each machine) has been described below: -

1. Scope of Supply

Supply of new PLC System Components which includes (Power supply unit, CPU & I/O Modules) with mounting arrangement, HMI along with control cables.

PLC program editing software

HMI program editing software

Communication cables for all offered PLCs for data transfer, backup of PLC programs. (To be offered one unique cable for each of different variant of offered PLC).

[Added Clause, Rev. 01]: -

Associated switchgear components (Relays, contactors etc.) along with mounting arrangement for connection with the offered PLC System inside existing electrical control panel also to be supplied.

The offered PLC components should have market support for minimum next 10 years for spare support.

Supplier to quote service/installation/programming charges item (Machine specific) wise in their offer inclusive of supply portion. Line item 30 is described as

Installation of PLC system in Shot Blast Machine

Qty. - 1 No.

2. Scope of Service

Disconnection and removal of existing control cables associated with existing PLC system. This includes I/O module cable connection, power supply, modules inter connection (if any), HMI power and control cable etc.

Removal of existing PLC module and associated accessories which includes I/O Modules, Power supply unit, HMI etc.

[Added Clause, Rev. 01]: -

Removal of existing switchgear components inside electrical control panel, i.e. relays and contactors etc. along with mounting arrangement.

Mounting of supplied new switchgear components (i.e. Relays and contactors along with mounting arrangements) to be fitted inside existing electrical control panel.

Mounting of New PLC system components as offered for replacement with suitable mounting arrangement in existing electrical panel.

Mounting of HMI in existing HMI area.

Control cable wiring, laying, connection and termination as per existing connection arrangement for the new PLC system mounted in the control panel.

Control and Power cable wiring, laying, connection and termination for the new HMI system mounted in the panel area.

Programming and Uploading of PLC data and programming logics. Supplier is requested to study the machine and be ready with the new programs before zero day of starting the work so as to minimize the delay involved. Supplier is requested to clarify all their queries regarding the PLC program for each machine through BHEL site visits before zero day of work.

Programming and Uploading of HMI data

Installation and Prove Out of the New PLC System with HMI operations.

Prove out of all basic machine operations in front of BHEL personnel's.

Prove out of the machine performance - including verification of all functions of the machine, interlocks, testing the machine with no load and with full load.

Handling of PLC and HMI data backup for each of the Five machines.

Verification of documentation/O&M manual for PLC and HMI.

The Boarding, lodging and travelling expenses for supplier personnel will be borne by Supplier itself.

Supplier is requested to have a factory visit before submitting final offer for clear understanding of the scope of work and service charges involved till the date of hand over of machines with successful prove out in front of BHEL personnel's.

Payment will be made after successful completion of the service and satisfactory performance testing with the machine at BHEL's shop as per BHEL's terms and conditions for servicing

The offered price value for every line item should be inclusive of supply as well as service portion of the scope of work involved as mentioned in the tender requirement.

The details of existing OLD PLC Models in the machine is as follows: -

Shot Blasting Machine [One Machine]

1.

TYPE POWER SUPPLY MODULE

MAKE MESSUNG

SERIES NEXTGEN 4000PLC

MODEL 4110

RATING INPUT SUPPLY: 230V±15% 100VA. OUTPUT: 5V, 5A & 12V,0.5A

QUANTITY 1 NO.

2.

TYPE PROCESSOR MODULE

MAKE MESSUNG

SERIES NEXTGEN 4000PLC

MODEL 4210

RATING 16 BIT MICRO CONTROLLER, LITHIUM BATTERY 3V FOR PLC (CR 123A)

QUANTITY 1 NO.

3.

TYPE INPUT MODULE (32 BIT)

MAKE MESSUNG

SERIES NEXTGEN 4000PLC

MODEL 4632

RATING 24VDC

QUANTITY 2 NO.

4.

TYPE INPUT/OUTPUT MODULE

MAKE MESSUNG

SERIES NEXTGEN 4000PLC

MODEL 4424

RATING INPUT 16 BIT AND OUTPUT 8 BIT

QUANTITY 1 NO.

5.

TYPE OUT PUT MODULE (16 BIT)

MAKE MESSUNG

SERIES NEXTGEN 4000PLC

MODEL 4721

RATING OUT PUT: 220V, 750MA

QUANTITY 2 NO.

Note:

1. Vendor may visit BHEL and study existing machine before quoting.

2. This is to note hard copy backup of PLC program for existing old PLC systems are available.

3. PLC drawings of all machine are available.

The whole scope to be carried out for one machine, Shot Blast Machine as per mentioned details.

Annexure B

Pre-Qualification Criteria

VENDOR QUALIFYING CRITERIA:

Only those vendors who satisfy the following conditions will get qualified to participate in the tender:

- 1. The subject item mentioned in the given specification is acceptable to BHEL only when offered and supplied by the OEMs/respective authorised valid dealers itself. Bidder to confirm.**
- 2. For authorised valid dealers - the offer without a valid dealership certificate is liable for rejection.**
- 3. BHEL reserves the right to visit the vendor's works for verifying the manufacturing facilities and any other credential furnished by the vendor. In case the information furnished with the offers found to be false /incorrect, the offer shall be summarily rejected.**
- 4. The vendor must have supplied similar type item elsewhere for industrial requirement within LAST TEN YEARS.**

Note: -Previous purchase order (PO) details for supplied similar items to BHEL and/or any-other Organisation, within the last 10 years (as on opening date of tender), should be submitted along with offer.

Annexure – A- Special Conditions for GeM Enquiry

The terms and condition mentioned in this document are applicable in addition to the Buyer Added Bid Specific Additional Terms & Conditions and GeM General Terms and Conditions. Bidders shall furnish pointwise confirmation/details.

<u><i>To be filled by bidder</i></u>		
Description of the item/Equipment:		
GeM Tender No. & Date		
Name of the firm (Bidder)	:	
Address	:	
<u>Contact person 1</u> Name: Designation: Office Phone: Mobile: e-mail:	<u>Contact person 2</u> Name: Designation: Office Phone: Mobile: e-mail:	
Sl	Terms and conditions/Details required	Vendor's confirmation
1.	Indicate the MSME status of the bidder. MICRO/SMALL/MEDIUM/Non-MSME. Note: Udyam certificate to be uploaded in proof of above. If it is indicated as "For availing benefits of Priority Sector Lending(PSL) ONLY" in Udyam certificate, then no MSME benefit will be considered for this tender.	
2.	Payment terms shall be as per clause 9 of Buyer Added Bid Specific Additional Terms & Conditions for this tender. Confirm your acceptance for the payment terms relevance to your MSME status indicated above. Note: GeM CRAC date shall be taken as material acceptance date.	
3.	Delivery Period: All the activities as per the technical specifications to be completed Within 90 days from the date of GeM contract.	
4.	Liquidated Damages shall be as per clause 18 of Buyer Added Bid Specific Additional Terms & Conditions. Confirm your acceptance.	
5.	Response to Tenders for Indigenous supplier will be entertained only if the vendor has a valid GST registration number. Please Indicate the GST registration number. If any specific exemption is available, a declaration with due supporting documents need to be furnished for considering the offer.	GST No. _____
6.	Performance Bank Guarantee: Not Applicable	
7.	HSN Code for the quoted items	HSN CODE : _____
8.	Rate quoted in GeM portal should be on FOR destination basis inclusive of all the charges for all the activities as per the technical specification, taxes, P&F, freight etc. The quote Transit Insurance is under Supplier scope. Please indicate how much GST percentage is included in quoted price.	GST in %: _____
9.	All the terms and conditions in Buyer Added Bid Specific Additional Terms & Conditions of this tender are read, understood and agreed by the vendor without any deviation. Vendor to confirm.	
10.	Applicable Annexures to be uploaded along with offer documents are indicated in Annexure-1 (Check List). Supplier to upload duly filled, signed and stamped Annexures.	
11.	There will not be any RA (Reverse Auction). Hence suppliers to quote their best price while submitting their offer itself	

Vendor's Seal & Signature

Buyer Added Bid Specific Additional Terms & Conditions (ATC)

1.	Pre-Qualification Criteria: 1.1 Technical: Pre-Qualification criteria (Technical) for this enquiry is given in Annexure-B (available along with Specification document). 1.2 Financial: NA 1.3 Integrity Pact: NA 1.4 Bidder must not be admitted under Corporate Insolvency Resolution Process or Liquidation as on date, by NCLT or any adjudicating authority/authorities, and shall submit undertaking (Annexure-4) to this effect. 1.5 Customer Approval: NA Explanatory Notes for the PQR: i. 'Supplied' in PQR – 1.1 means, bidder should have delivered the Item/material. Bidder shall submit the relevant documents against the above PQRs inclusive of Purchase order (wherein PO no., date, etc. is legible) along with proof of supply (i.e. - Completion Certificate/ Copy of Invoices / LR Copies/ Store Receipt Vouchers/ Payment Advice etc.) in the respective attachments in their offer in support of PQR. The "Contract" referred in Technical PQR may be Rate Contract/ Framework Agreement/ Purchase Order/ Work Order. ii. Bidder to submit Audited Balance Sheet and Profit and Loss Account for the respective years as indicated against Financial Turnover PQR – 1.2 above along with all annexures. iii. In case of audited Financial Statements have not been submitted for all the three years as indicated against Financial Turnover PQR above, then the applicable audited statements submitted by the bidders against the requisite three years, will be averaged for three years i.e. total divided by three. iv. If Financial Statements are not required to be audited statutorily, then instead of audited Financial Statements, Financial Statements are required to be certified by Chartered Accountant. v. Credentials furnished by the bidder against "PRE-QUALIFYING CRITERIA" shall be verified from the issuing authority for its authenticity. In case, any credential (s) is/are found to be spurious, offer of the bidder is liable to be rejected. BHEL reserves the right to initiate any further action as per extant guidelines for Suspension of Business Dealings as applicable in BHEL. vi. In case of Two packet bidding System, Price Bids of only those bidders shall be opened who stand qualified after compliance of PQR – 1.1 to 1.5
2.	<u>SCOPE OF SUPPLY:</u> Supply and other activities shall be as per technical Specifications indicated in the enquiry. Technical Specification requirements are available in Specification document for the item(s). Unloading of materials at Destination / Site shall be in BHEL's scope.
3.	<u>PRICE BASIS:</u> The quote shall be on FOR- Destination basis delivery to BHEL Stores and should be inclusive of all charges for all the activities indicated in the technical specifications (Pls. refer consignee address in GeM bidding document). GSTIN: 33AAACB4146P2ZL

4.

TAXES & DUTIES:

4.1 The Supplier/Vendor shall pay all (save the specific exclusions as enumerated in this clause) taxes, fees, license, charges, deposits, duties, tools, royalty, commissions, other charges, etc. which may be levied on the input goods & services consumed and output goods & services delivered in course of his operations in executing the contract. In case BHEL is forced to pay any of such taxes/duties, BHEL shall have the right to recover the same from his bills or otherwise as deemed fit along with the applicable overheads @5% and interest on the total value (i. e. amount paid by BHEL + overhead)
However, provisions regarding **GST** on output supply (goods/service) and TDS/TCS as per Income Tax Act shall be as per following clauses.

4.2 GST (Goods and Services Tax)

4.2.1 Rate quoted in GeM portal should be on FOR destination basis inclusive of all taxes, P&F, freight etc. Reimbursement of GST is subject to compliance of following terms and conditions. BHEL shall have the right to deny payment of GST and to recover any loss to BHEL on account of tax, interest, penalty etc. for non-compliance of any of the following condition.

4.2.2 The admissibility of GST, taxes and duties referred in this chapter or elsewhere in the contract shall be limited to direct transactions between BHEL & its Supplier/Vendor. BHEL shall not consider GST on any transaction other than the direct transaction between BHEL & its Supplier/Vendor.

4.2.3 Supplier/Vendor shall obtain prior written consent of BHEL before billing the amount towards such taxes. Where the GST laws permit more than one option or methodology for discharging the liability of tax/levy/duty, BHEL shall have the right to adopt the appropriate one considering the amount of tax liability on BHEL/Client as well as procedural simplicity with regard to assessment of the liability. The option chosen by BHEL shall be binding on the Contractor for discharging the obligation of BHEL in respect of the tax liability to the Supplier/Vendor.

4.2.4 Supplier/Vendor has to submit GST registration certificate of the concerned state. Supplier/Vendor also needs to ensure that the submitted GST registration certificate should be in active status during the entire contract period.

4.2.5 Supplier/Vendor has to issue Invoice/Debit Note/Credit Note indicating HSN/SAC code, Description, Value, Rate, applicable tax and other particulars in compliance with the provisions of relevant GST Act and Rules made thereunder.

4.2.6 Supplier/Vendor has to submit GST compliant invoice within the due date of invoice as per GST Law. In case of delay, BHEL reserves the right of denial of GST payment if there occurs any hardship to BHEL in claiming the input thereof. In case of goods, Supplier/Vendor has to provide scan copy of invoice & GR/LR/RR to BHEL before movement of goods starts to enable BHEL to meet its GST related compliances. Special care should be taken in case of month end transactions.

4.2.7 Supplier/Vendor has to ensure that invoice in respect of such services which have been provided/completed on or before end of the month should not bear the date later than last working day of the month in which services are performed.

4.2.8 Subject to other provisions of the contract, GST amount claimed in the invoice shall be released on fulfilment of all the following conditions by the Supplier/Vendor: -

- a) Supply of goods and/or services have been received by BHEL.
- b) Original Tax Invoice has been submitted to BHEL.
- c) Supplier/Vendor has submitted all the documents required for processing of bill as per contract/ purchase order/ work order.
- d) In cases where e-invoicing provision is applicable, Supplier/Vendor is required to submit invoice in compliance with e-invoicing provisions of GST Act and Rules made thereunder.

- e) Supplier/Vendor has filed all the relevant GST return (e.g. GSTR-1, GSTR-3B, etc.) pertaining to the invoice submitted and submit the proof of such return along with immediate subsequent invoice. In case of final invoice/ bill, contractor has to submit proof of such return within fifteen days from the due date of relevant return.
- f) Respective invoice has appeared in BHEL's GSTR - 2A for the month corresponding to the month of invoice and in GSTR-2B of the month in which such invoices has been reported by the contractor along with status of ITC availability as "YES" in GSTR-2B. Alternatively, BG of appropriate value may be furnished which shall be valid at least one month beyond the due date of confirmation of relevant payment of GST on GSTN portal or sufficient security is available to adjust the financial impact in case of any default by the Supplier/Vendor.
- g) Supplier/Vendor has to submit an undertaking confirming the payment of all due GST in respect of invoices pertaining to BHEL.

4.2.9 Any financial loss arises to BHEL on account of failure or delay in submission of any document as per contract/purchase order/work order at the time of submission of Tax invoice to BHEL, shall be deducted from Supplier/Vendor's bill or otherwise as deemed fit.

4.2.10 TDS as applicable under GST law shall be deducted from Supplier/Vendor's bill.

4.2.11 Supplier/Vendor shall comply with the provisions of e-way bill wherever applicable. Further wherever provisions of GST Act permits, all the e-way bills , road permits etc. required for transportation of goods needs to be arranged by the contractor.

4.2.12 Supplier/Vendor shall be solely responsible for discharging his GST liability according to the provisions of GST Law and BHEL will not entertain any claim of GST/interest/penalty or any other liability on account of failure of Supplier/Vendor in complying the provisions of GST Law or discharging the GST liability in a manner laid down thereunder.

4.2.13 In case declaration of any invoice is delayed by the vendor in his GST return or any invoice is subsequently amended/alterd/deleted on GSTN portal which results in any adverse financial implication on BHEL, the financial impact thereof including interest/penalty shall be recovered from the Supplier/Vendor's due payment.

4.2.14 Any denial of input credit to BHEL or arising of any tax liability on BHEL due to noncompliance of GST Law by the Supplier/Vendor in any manner, will be recovered along with liability on account of interest and penalty (if any) from the payments due to the Supplier/Vendor.

4.2.15 In the event of any ambiguity in GST law with respect to availability of input credit of GST charged on the invoice raised by the contractor or with respect to any other matter having impact on BHEL, BHEL's decision shall be final and binding on the Supplier/Vendor.

4.2.16 Variation in Taxes & Duties:

Any upward variation in GST shall be considered for reimbursement provided supply of goods and services are made within schedule date stipulated in the contract or approved extended schedule for the reason solely attributable to BHEL. However downward variation shall be subject to adjustment as per actual GST applicability.

In case the Government imposes any new levy/tax on the output service/goods after price bid opening, the same shall be reimbursed by BHEL at actual. The reimbursement under this clause is restricted to the direct transaction between BHEL and its Supplier/Vendor only and within the contractual delivery period only.

In case any new tax/levy/duty etc. becomes applicable after the date of Bidder's offer but before opening of the price Bid, the Bidder/ Supplier/Vendor must convey its impact on his price duly substantiated by documentary evidence in support of the same before opening of price bid. Claim for any such impact after opening the price bid will not be considered by BHEL for reimbursement of tax or reassessment of offer.

	4.3 Income Tax: TDS/TCS as applicable under Income Tax Act, 1961 or rules made thereunder shall be deducted/collected from Supplier/Vendor's bill. 4.4 Supplier HSN Code & Applicable GST % (To be filled by Supplier)_____
5.	MATERIAL DISPATCH CLEARANCE CERTIFICATE (MDCC): Not applicable (Applicable for dispatches tot BHEL Project Sites).
6.	<u>INSPECTION / INSPECTION & TESTING AT SUPPLIERS WORKS:</u> Inspection and testing requirements are to be carried out as per the specification standard and BHEL Technical specifications in the enquiry. BHEL reserves the right to inspect the material during manufacturing and also to get tested the material under dispatch from third party. The test results of third party test shall be final and binding on the Supplier/Vendor. BHEL will reserve the right to inspect/test the material during/after manufacturing at suppliers' works, and/or at BHEL Site. In case of rejection at any stage, Supplier/Vendor shall be liable to replace the materials at his own cost.
7.	<u>DELIVERY:</u> Supply and other activities as per technical specification to be completed within the delivery period indicated in GeM bidding document. NOTE: a). In case of delay beyond the delivery period, the Supplier/Vendor shall request for a delivery extension and BHEL at its discretion may extend the Contract. However, if any 'Delivery extension' is granted to the Supplier/Vendor for completion of supply, due to backlog attributable to the Supplier/Vendor, then it shall be without prejudice to the rights of BHEL to impose LD for the delays attributable to the Supplier/Vendor b). In case BHEL increase the quantity during currency of the contract in line with quantity variation clause (Option clause in GeM bidding document), delivery extension shall be given for supply of these additional quantity.
8.	<u>TRANSIT INSURANCE:</u> Transit Insurance of material is in Supplier/Vendor's scope. Supplier/Vendor shall insure the material at their cost for transportation.
9.	a) <u>PAYMENT TERMS:</u> 1. FOR NON MSME Bidders: 100% payment in 90 days from the date of Material acceptance (against submission of GST Invoice, GeM invoice, LR copy, Last movement e-way bill). Material acceptance will be given only after completion of all activities as per the technical specifications. 2. FOR MSE Bidders: 100% payment in 45 days from the date of Material acceptance (against submission of GST Invoice, GeM invoice, LR copy, Last movement e-way bill). Material acceptance will be given only after completion of all activities as per the technical specifications. 3. FOR MEDIUM ENTERPRISES Bidders: 100% payment in 60 days from the date of Material acceptance (against submission of GST Invoice, GeM invoice, LR copy, Last movement e-way bill). Material acceptance will be given only after completion of all activities as per the technical specifications. However, GST amount shall be reimbursed in line with compliance to Cl. No. 4 (Taxes & Duties) above.

	b) NO INTEREST PAYABLE TO CONTRACTOR No interest shall be payable on the security deposit or any other money due to the contractor
10.	DOCUMENTS REQUIRED FOR BILL PROCESSING: • Original Tax Invoices (As per Cl. No. 4 above). 2 invoices are required either in Original hard copies or Digitally Signed Soft copies • GeM invoice • Copy of LR/Speed Post or Courier docket as applicable • Copy of Last Movement E-Way Bill • Bank Guarantee (if applicable) • Warrantee certificate (if applicable)
11.	<u>BANK DETAILS FOR EMD & PERFORMANCE SECURITY SUBMISSION:</u> EMD & PERFORMANCE SECURITY are not applicable to this tender
12.	<u>EMD:</u> Applicable / Not Applicable.
13.	<u>PERFORMANCE SECURITY:</u> Applicable / Not Applicable.
14.	<u>BREACH OF CONTRACT, REMEDIES AND TERMINATION:</u> 14.1 The following shall amount to breach of contract: I. Non-supply of material/ non-completion of work by the Supplier/Vendor within scheduled delivery/ completion period as per contract or as extended from time to time. II. The Supplier/Vendor fails to perform as per the activity schedule and there are sufficient reasons even before expiry of the delivery/ completion period to justify that supplies shall be inordinately delayed beyond contractual delivery/ completion period. III. The Supplier/Vendor delivers equipment/ material not of the contracted quality. IV. The Supplier/Vendor fails to replace the defective equipment/ material/ component as per guarantee clause. V. Withdrawal from or abandonment of the work by the Supplier/Vendor before completion as per contract. VI. Assignment, transfer, subletting of Contract by the Supplier/Vendor without BHEL's written permission resulting in termination of Contract or part thereof by BHEL. VII. Non-compliance to any contractual condition or any other default attributable to Supplier/Vendor. VIII. Any other reason(s) attributable to Vendor towards failure of performance of contract. In case of breach of contract, BHEL shall have the right to terminate the Purchase Order/ Contract either in whole or in part thereof without any compensation to the Supplier/Vendor. IX. Any of the declarations furnished by the contractor at the time of bidding and/ or entering into the contract for supply are found untruthful and such declarations were of a nature that could have resulted in non-award of contract to the contractor or could expose BHEL and/ or Owner to adverse consequences, financial or otherwise.

- X. Supplier/Vendor is convicted of any offence involving corrupt business practices, antinational activities or any such offence that compromises the business ethics of BHEL, in violation of the Integrity Pact entered into with BHEL has the potential to harm the overall business of BHEL/ Owner.

Note-Once BHEL considers that a breach of contract has occurred on the part of Supplier/Vendor, BHEL shall notify the Supplier/Vendor by way of notice in this regard. Contractor shall be given an opportunity to rectify the reasons causing the breach of contract within a period of 14 days.

In case the contractor fails to remedy the breach, as mentioned in the notice, to the satisfaction of BHEL, BHEL shall have the right to take recourse to any of the remedial actions available to it under the relevant provisions of contract.

14.2 Remedies in case of Breach of Contract.

- i Wherein the period as stipulated in the notice issued under clause 14.1 has expired and Supplier/Vendor has failed to remedy the breach, BHEL will have the right to terminate the contract on the ground of "Breach of Contract" without any further notice to contractor.
- ii Upon termination of contract, BHEL shall be entitled to recover an amount equivalent to 10% of the Contract Value for the damages on account of breach of contract committed by the Supplier/Vendor. This amount shall be recovered by way of encashing the security instruments like performance bank guarantee etc available with BHEL against the said contract. In case the value of the security instruments available is less than 10% of the contract value, the balance amount shall be recovered from other financial remedies (i.e. available bills of the Supplier/Vendor, retention amount, from the money due to the Supplier/Vendor etc. with BHEL) or the other legal remedies shall be pursued.
- iii wherever the value of security instruments like performance bank guarantee available with BHEL against the said contract is 10% of the contract value or more, such security instruments to the extent of 10% contract value will be encashed. In case no security instruments are available or the value of the security instruments available is less than 10% of the contract value, the 10% of the contract value or the balance amount, as the case may be, will be recovered in all or any of the following manners:
- iv In case the amount recovered as above is not sufficient to fulfil the amount recoverable then; a demand notice to deposit the balance amount within 30 days shall be issued to Supplier/Vendor.
- v If Supplier/Vendor fails to deposit the balance amount within the period as prescribed in demand notice, following action shall be taken for recovery of the balance amount:
 - a) from dues available in the form of Bills payable to defaulted Supplier/Vendor against the same contract.
 - b) If it is not possible to recover the dues available from the same contract or dues are insufficient to meet the recoverable amount, balance amount shall be recovered from any money(s) payable to Supplier/Vendor under any contract with other Units of BHEL including recovery from security deposits or any other deposit available in the form of security instruments of any kind against Security deposit or EMD.
- vi In-case recoveries are not possible with any of the above available options, Legal action shall be initiated for recovery against defaulted supplier/Vendor.
- vii It is an agreed term of contract that this amount shall be a genuine pre-estimate of damages that BHEL would incur in completion of balance contractual obligation of the contract through any other agency and BHEL will not be required to furnish any other evidence to the Supplier/Vendor for the purpose of estimation of damages.

	viii In addition to the above, imposition of liquidated damages, debarment, termination, de-scoping, short-closure, etc., shall be applied as per provisions of the contract. Note: 1) The defaulting Supplier/Vendor shall not be eligible for participation in any of the future enquiries floated by BHEL to complete the balance work. The defaulting contractor shall mean and include: a) In case defaulted Supplier/Vendor is the Sole Proprietorship Firm, any Sole Proprietorship Firm owned by same Sole Proprietor. b) In case defaulted Supplier/Vendor is The Partnership Firm, any firm comprising of same partners/ some of the same partners ; or sole proprietorship firm owned by any partner(s) as a sole proprietor. LD against delay in executed supply in case of Termination of Contract: LD against delay in executed supply shall be calculated in line with LD clause no. 18 below, for the delay attributable to Supplier/Vendor. For limiting the maximum value of LD, contract value shall be taken as Executed Value of supply till termination of contract. Method for calculation of "LD against delay in executed supply in case of termination of contract" is given below. i Let the time period from scheduled date of start of supply till termination of contract excluding the period of Hold (if any) not attributable to contractor = T1 ii Let the value of executed supply till the time of termination of contract= X iii Let the Total Executable Value of supply for which inputs/fronts were made available to Supplier/Vendor and were planned for execution till termination of contract = Y iv Delay in executed supply attributable to Supplier/Vendor i.e. $T2=[1-(X/Y)] \times T1$ v LD shall be calculated in line with LD clause (clause 18) of the Contract for the delay attributable to Supplier/Vendor taking "X" as Contract Value and "T2" as period of delay attributable to Supplier/Vendor.																			
15.	<u>BILL TO/ SHIP TO ADDRESS:</u> <table><tr><td> Ship to Address: The Manager Stores, Ward 16, Bharat Heavy Electricals Limited, Thiruverumbur, Tiruchirappalli, Tamilnadu – 620014 </td><td> Bill to Address: Bharat Heave Electricals Limited, High pressure Boiler Plant, Thiruverumbur, Tiruchirappalli, Tamilnadu-620014 </td></tr></table>					Ship to Address: The Manager Stores, Ward 16, Bharat Heavy Electricals Limited, Thiruverumbur, Tiruchirappalli, Tamilnadu – 620014	Bill to Address: Bharat Heave Electricals Limited, High pressure Boiler Plant, Thiruverumbur, Tiruchirappalli, Tamilnadu-620014													
Ship to Address: The Manager Stores, Ward 16, Bharat Heavy Electricals Limited, Thiruverumbur, Tiruchirappalli, Tamilnadu – 620014	Bill to Address: Bharat Heave Electricals Limited, High pressure Boiler Plant, Thiruverumbur, Tiruchirappalli, Tamilnadu-620014																			
16.	<u>GUARANTEE/WARRANTY:</u> Guarantee period for the enquired items shall be as indicated in the Technical Specifications. If not indicated in the technical specifications, then GeM standard Guarantee/Warranty period as indicated in the GeM General terms and conditions shall be applicable.																			
17.	<u>MICRO AND SMALL ENTERPRISES (MSE):</u> Any Bidder falling under MSE category shall furnish the following details & submit Udyam certificate in support of the same along with their techno-commercial offer. <table><tr><td>Type under MSE</td><td>Udyam Registration No.</td><td>SC/ST owned</td><td>Women owned</td><td>Others (excluding SC/ ST & Women Owned)</td></tr><tr><td>Micro</td><td></td><td></td><td></td><td></td></tr><tr><td>Small</td><td></td><td></td><td></td><td></td></tr></table> Note: If the bidder does not furnish the above, offer shall be processed construing that the bidder is not falling under MSE category. a) MSE suppliers can avail the intended benefits in respect of the procurements related to the Goods and Services only (Definition of Goods and Services as enumerated by					Type under MSE	Udyam Registration No.	SC/ST owned	Women owned	Others (excluding SC/ ST & Women Owned)	Micro					Small				
Type under MSE	Udyam Registration No.	SC/ST owned	Women owned	Others (excluding SC/ ST & Women Owned)																
Micro																				
Small																				

	Govt. of India vide Office Memorandum F. No. 21(8)/2011-MA dtd. 09/11/2016 office of AS & DC, MSME) only if they submit along with the offer, copy of Udyam Registration Certificate with QR code. Date to be reckoned for determining the deemed validity will be the last date of Technical Bid submission. Non-submission of supporting document in GeM portal will lead to consideration of their bids at par with other bidders. No benefits shall be applicable for this enquiry if the above required documents are not uploaded at the time of bid submission. Documents submitted by the bidder shall be verified by BHEL for rendering the applicable benefits.
18.	<u>LIQUIDATED DAMAGE:</u> Liquidated Damages, wherever referred under this Tender/Agreement, shall mean and refer to the damages, not in the nature of penalty, which the contractor agrees to pay in the event of delay in delivery of supplies, breach of contract etc. as the case may be. Liquidated Damages leviable upon the Supplier/Vendor is a sum which is agreed by the parties as a reasonable and genuine pre-estimate of damages which will be suffered by BHEL on account of delay/breach on the part of the Supplier/Vendor. If the Seller/Service Provider fails to deliver any or all of the Goods/Services within the original/re-fixed delivery period(s) specified in the contract/PO, the Buyer/BHEL will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, @ 0.5% of the contract value of delayed quantity per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value of delayed quantity without any controversy/dispute of any sort whatsoever. Note: LD will be calculated for the Period from Contract delivery due date to date of completion of all the activities as per the technical specifications.
19.	<u>INTEGRITY PACT (IP):</u> Applicable / Not Applicable
20.	<u>PREFERENCE TO MAKE IN INDIA:</u> For this procurement, the local content to categorize a Supplier/Vendor as a Class I local supplier/ Class II local Supplier/Non-Local Supplier and purchase preferences to Class I local supplier, is as defined in Public Procurement (Preference to Make in India), Order 2017 dated 04.06.2020 issued by DPIIT. In case of subsequent orders issued by the nodal ministry, changing the definition of local content for the items of the GeM Bid, the same shall be applicable even if issued after issue of this GeM Bid, but before opening of Part-II bids against this GeM Bid. <u>20.1 Compliance to Restrictions under Rule 144 (xi) of GFR 2017:</u> I. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. The Competent Authority for the purpose of this Clause shall be the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT). II. "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process. III. "Bidder from a country which shares a land border with India" for the purpose of this Clause means:- a. An entity incorporated established or registered in such a country; or b. A subsidiary of an entity incorporated established or registered in such a country; or

- c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
- d. An entity whose beneficial owner is situated in such a country; or
- e. An Indian (or other) agent of such an entity; or
- f. A natural person who is a citizen of such a country; or
- g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.

IV. The beneficial owner for the purpose of (III) above will be as under:

- 1. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

Explanation

- a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent of shares or capital or profits of the company.
- b. "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements.
- 2. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership.
- 3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person has ownership of or entitlement to more than fifteen percent of the property or capital or profits of the such association or body of individuals.
- 4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
- 5. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

V. An Agent is a person employed to do any act for another, or to represent another in dealings with third person.

Note:

- i. The bidder shall provide undertaking for their compliance to this Clause, in the format provided in Annexure-13.
- ii. Registration of the bidder with Competent Authority should be valid at the time of submission of bids and at the time of acceptance of the bids.

21.

Settlement of Dispute

If any dispute or difference of any kind whatsoever shall arise between BHEL and the Supplier/Vendor, arising out of the contract for the performance of the work whether during the progress of contract termination, abandonment or breach of the contract, it shall in the first place referred to Designated Engineer for amicable resolution by the parties. Designated Engineer (to be nominated by BHEL for settlement of disputes arising out of the contract) who within 60 days after being requested shall give written notice of his decision to the contractor. Save as hereinafter provided, such decision in respect of every matter so referred shall forthwith be given effect to by the Supplier/Vendor who shall proceed with the work with all due diligence, whether he or BHEL desires to resolve the dispute as hereinafter provided or not.

If after the Designated Engineer has given written notice of this decision to the party and no intention to pursue the dispute has been communicated to him by the affected party within 30 days from the receipt of such notice, the said decision shall become final and binding on the parties. In the event the Supplier/Vendor being dissatisfied with any such decision or if amicable settlement cannot be reached then all such disputed issues shall be resolved through conciliation in terms of the BHEL Conciliation Scheme 2018 as per Clause 21.1

21.1 Conciliation:

Any dispute, difference or controversy of whatever nature howsoever arising under or out of or in relation to this Agreement (including its interpretation) between the Parties, and so notified in writing by either Party to the other Party (the "Dispute") shall, in the first instance, be attempted to be resolved amicably in accordance with the conciliation procedure as per BHEL Conciliation Scheme 2018. The proceedings of Conciliation shall broadly be governed by Part-III of the Arbitration and Conciliation Act 1996 or any statutory modification thereof and as provided in - "Procedure for conduct of conciliation proceedings" (as available in www.bhel.com)).

Note: Ministry of Finance has issued OM reference No. 1/2/24 dated 03.06.2024 regarding "Guidelines for Arbitration and Mediation in Contracts of Domestic Public Procurement. In the said OM it has been recommended that Government departments/

Entities/agencies are to encourage mediation under the Mediation Act. 2023. The said Act has not yet been notified by the Government. Therefore, the clause "Settlement of Disputes" shall be modified accordingly as and when the Mediation Act 2023 gets notified.

21.2 ARBITRATION:

21.2.1 Except as provided elsewhere in this Contract, in case Parties are unable to reach amicable settlement (whether by Conciliation to be conducted as provided in Clause 14.1 herein above or otherwise) in respect of any dispute or difference; arising out of the formation, breach, termination, validity or execution of the Contract; or, the respective rights and liabilities of the Parties; or, in relation to interpretation of any provision of the Contract; or, in any manner touching upon the Contract (hereinafter referred to as the 'Dispute'), then, either Party may, refer the disputes to **Madras High Court, Arbitration Centre (MHCAC)** and such dispute to be adjudicated by Sole Arbitrator appointed in accordance with the Rules of said Arbitral Institution.

21.2.2 A party willing to commence arbitration proceeding shall invoke Arbitration Clause by giving notice to the other party in terms of section 21 of the Arbitration & Conciliation Act, 1996 (hereinafter referred to as the 'Notice') before referring the matter to arbitral institution. The Notice shall be addressed to the Head of the Unit, BHEL, executing the Contract and shall contain the particulars of all claims to be referred to arbitration with sufficient detail and shall also indicate the monetary amount of such claim including interest, if any.

- 21.2.3 After expiry of 30 days from the date of receipt of aforesaid notice, the party invoking the Arbitration shall submit that dispute to the Arbitral Institution- **Madras High Court, Arbitration Centre (MHCAC)**- and that dispute shall be adjudicated in accordance with their respective Arbitration Rules. The matter shall be adjudicated by a Sole Arbitrator who shall necessarily be a Retd Judge having considerable experience in commercial matters to be appointed/nominated by the respective institution. The cost/expenses pertaining to the said Arbitration shall also be governed in accordance with the Rules of the respective Arbitral Institution. The decision of the party invoking the Arbitration for reference of dispute to **Madras High Court, Arbitration Centre (MHCAC)**- for adjudication of that dispute shall be final and binding on both the parties and shall not be subject to any change thereafter. The institution once selected at the time of invocation of dispute shall remain unchanged.
- 21.2.4 The fee and expenses shall be borne by the parties as per the Arbitral Institutional rules.
- 21.2.5 The Arbitration proceedings shall be in English language and the seat of Arbitration shall be **Trichy**.
- 21.2.6 Subject to the above, the provisions of Arbitration & Conciliation Act 1996 and any amendment thereof shall be applicable. All matters relating to this Contract and arising out of invocation of Arbitration clause are subject to the exclusive jurisdiction of the Court(s) situated at **Trichy**.
- 21.2.7 Notwithstanding any reference to the Designated Engineer or Conciliation or Arbitration herein, a. the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree. Settlement of Dispute clause cannot be invoked by the Contractor, if the Contract has been mutually closed or 'No Demand Certificate' has been furnished by the Contractor or any Settlement Agreement has been signed between the Employer and the Contractor.
- 21.2.8 It is agreed that Mechanism of resolution of disputes through arbitration shall be available only in the cases where the value of the dispute is less than Rs. 10 Crores.
- 21.2.9 In case the disputed amount Claim, Counter claim including interest is Rs. 10 crores and above, the parties shall be within their rights to take recourse to remedies other than Arbitration, as may be available to them under the applicable laws after prior intimation to the other party. Subject to the aforesaid conditions, provisions of the Arbitration and Conciliation Act, 1996 and any statutory modifications or re-enactment thereof as amended from time to time, shall apply to the arbitration proceedings under this clause.
- 21.2.10 In case, multiple arbitrations are invoked (whether sub-judice or arbitral award passed) by any party to under this contract, then the cumulative value of claims (including interest claimed or awarded) in all such arbitrations shall be taken in account while arriving at the total claim in dispute for the subject contract for the purpose of clause 21.2.9. Disputes having cumulative value of less than 10 crores shall be resolved through arbitration and any additional dispute shall be adjudicated by the court of competent jurisdiction.

21.3 In case of Contract with Public Sector Enterprise (PSE) or a Government Department, the following shall be applicable:

In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contract(s) between Central Public Sector Enterprises (CPSEs)/ Port Trusts inter se and also between CPSEs and Government Departments/Organizations (excluding disputes concerning Railways, Income Tax, Customs & Excise Departments), such dispute or difference shall be taken up by either party for resolution through AMRCD (Administrative Mechanism for Resolution).

22.	JURISDICTION Subject to clause 21 of this contract, the Civil Court having original Civil Jurisdiction at Tiruchirappalli, Tamilnadu shall alone have exclusive jurisdiction in regard to all matters in respect of the Contract. GOVERNING LAWS The contract shall be governed by the Law for the time being in force in the Republic of India.
23.	<u>Force Majeure</u> 23.1 "Force Majeure" shall mean circumstance which is: a) beyond control of either of the parties to contract, b) either of the parties could not reasonably have provided against the event before entering into the contract, c) having arisen, either of the parties could not reasonably have avoided or overcome, and d) is not substantially attributable to either of the parties And Prevents the performance of the contract, Such circumstances include but shall not be limited to: - i War, hostilities , invasion, act of foreign enemies. - ii Rebellion, terrorism, revolution, insurrection, military or usurped power, or civil war. - iii Riot, commotion or disorder by persons other than the contractor's personnel and other employees of the contractor and sub-contractors. - iv Strike or lockout not solely involving the contractor's personnel and other employees of the contractor and sub-contractors. - v Encountering munitions of war, explosive materials, ionizing radiation or contamination by radio-activity, except as may be attributable to the contractor's use of such munitions, explosives, radiation or radio-activity. - vi Natural catastrophes such as earthquake, tsunami, volcanic activity, hurricane or typhoon, flood, fire, cyclones etc. - vii Epidemic, pandemic etc. 23.2 The following events are explicitly excluded from Force Majeure and are solely the responsibilities of the non-performing party: a) any strike, work-to-rule action, go-slow or similar labour difficulty (b) late delivery of equipment or material (unless caused by Force Majeure event) and (c) economic hardship. 23.3 If either party is prevented, hindered or delayed from or in performing any of its obligations under the Contract by an event of Force Majeure, then it shall notify the other in writing of the occurrence of such event and the circumstances thereof within 15 (fifteen) days after the occurrence of such event. 23.4 The party who has given such notice shall be excused from the performance or punctual performance of its obligations under the Contract for so long as the relevant event of Force Majeure continues and to the extent that such party's performance is prevented, hindered or delayed. The Time for Completion shall be extended by a period of time equal to period of delay caused due to such Force Majeure event.

	23.5 Delay or non-performance by either party hereto caused by the occurrence of any event of Force Majeure shall not i. Constitute a default or breach of the Contract. ii. Give rise to any claim for damages or additional cost expense occasioned thereby, if and to the extent that such delay or non-performance is caused by the occurrence of an event of Force Majeure. 23.6 BHEL at its discretion may consider short closure of contract after 1 year of imposition of Force Majeure in line with extant guidelines. In any case, Supplier/Vendor cannot consider deemed short-closure after 1 year of imposition of Force Majeure.				
24.	Non-Disclosure Agreement: The bidders shall enter into the Non-disclosure agreement separately. (Annexure 7 attached).				
25.	Cartel Formation The Bidder declares that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, the Bidder is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies/ guidelines.				
26.	Fraud Prevention Policy Bidder along with its associate /collaborators /sub-contractors /sub-vendors / consultants / service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website http://www.bhel.com and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.				
27.	<u>Suspension of Business Dealings with Suppliers / Contractors:</u> The offers of the bidders who are under suspension as also the offers of the bidders, who engage the services of the banned firms / principal / agents, shall be rejected. The list of banned firms is available on BHEL web site www.bhel.com. If any bidder / supplier / contractor during pre-tendering / tendering / post tendering / award / execution / post-execution stage indulges in any act, including but not limited to, malpractices, cheating, bribery, fraud or and other misconduct or formation of cartel so as to influence the bidding process or influence the price or tampers the tendering process or acts or omits in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860(Bhartiya Nyaya Samhita 2023) or any other law in force in India, or does anything which is actionable under the Guidelines for Suspension of Business dealings, action may be taken against such bidder / supplier / contractor as per extant guidelines of the company available on www.bhel.com and / or under applicable legal provisions. Guidelines for suspension of business dealings is available in the webpage: http://www.bhel.com/vender_registration/vender.php.				
28.	Bid should be free from correction, overwriting, using corrective fluid, etc. Any interlineation, cutting, erasure or overwriting shall be valid only if they are attested under full signature(s) of person(s) signing the bid else bid shall be liable for rejection. In the event of any Technical or Commercial queries, the same may please be addressed to the following BHEL concerned before Part I opening- <table border="1"> <tr> <td>Official 1: K Govindaraj</td><td>Official 2: Sonu Majhi</td></tr> <tr> <td>Contact Details: govindaraj@bhel.in</td><td>Contact Details: sonu@bhel.in</td></tr> </table>	Official 1: K Govindaraj	Official 2: Sonu Majhi	Contact Details: govindaraj@bhel.in	Contact Details: sonu@bhel.in
Official 1: K Govindaraj	Official 2: Sonu Majhi				
Contact Details: govindaraj@bhel.in	Contact Details: sonu@bhel.in				

29.	Order of Precedence: In the event of any ambiguity or conflict between the Tender Documents, the order of precedence shall be in the order below: - Amendments/Clarifications/Corrigenda/Errata etc. issued in respect of the tender documents by BHEL. - Buyer Added Bid Specific ATC - GeM Bid Technical Conditions of Contract (TCC) - GeM GTC
30.	NOTE: - In the event of our customer order covering this tender being cancelled /placed on hold /otherwise modified, BHEL would be constrained to accordingly cancel / hold / modify the tender at any stage of execution. - BHEL may negotiate the L1 rate, if not meeting our budget / estimated cost. BHEL may re-float the tender opened, if L1 price is not acceptable to BHEL even after negotiation. Any deviation from the conditions specified in Buyer Added Bid Specific Additional Terms & Conditions (ATC), will lead to rejection of offer. - Any change in applicable rates of Tax or any other statutory levies (Direct / Indirect) or any new introduction of any levy by means of statute and its corresponding liability for the deliveries beyond the agreed delivery date for reasons not attributable to BHEL will be to vendors account. BHEL will not reimburse the same and any subsequent claim in this respect will be summarily rejected. - BHEL reserves its right to reject an offer due to unsatisfactory past performance by the respective Vendor in the execution of any contract to any BHEL project / Unit. - The offers of the bidders who are under suspension and also the offers of the bidders, who engage the services of the banned firms /principal/agents, shall be rejected. The list of banned firms is available on BHEL web site www.bhel.com. - Recovery / deduction as applicable as per Direct and Indirect taxes as notified by Govt. Of India from time to time will be made and information/certificate for such deduction/recoveries shall be provided by BHEL to the vendor.
31.	<u>Enclosure:</u> (Refer Annexure-1 for applicable Annexures for this tender) Annexure-1: Check List. Annexure-2: Offer forwarding letter / tender submission letter Annexure-3: No Deviation Certificate Annexure-4: Declaration regarding Insolvency/ Liquidation/ Bankruptcy Proceedings Annexure-5: Declaration by Authorized Signatory Annexure-6: Declaration by Authorized Signatory regarding Authenticity of submitted Documents Annexure-7: Non-Disclosure Certificate Annexure-10: Declaration reg. Related Firms & their areas of Activities Annexure-11: Declaration for relation in BHEL Annexure- 12: Declaration reg. minimum local content in line with revised public procurement Annexure- 13: Declaration regarding compliance to Restrictions under Rule 144 (xi) of GFR 2017 Annexure-15: Power of Attorney for submission of tender.

CHECK LIST

NOTE: - Suppliers are required to fill in the following details in their Letterhead and no column should be left blank

A	Name and Address of the Supplier		
B	GSTN No. the Supplier (Place of Execution of Contract / Purchase Order)		
C	Details of Contact person for this Tender	Name: Mr./ Ms. Designation: Telephone No: Mobile No: Email ID:	
D	EMD DETAILS	Not applicable	
E	DESCRIPTION	APPLICABILITY (BY BHEL)	ENCLOSED BY BIDDER
i.	Whether Pre - Qualification Criteria is understood and provided proper supporting documents.	Applicable/ Not Applicable	YES / NO
ii.	Whether all pages of the Tender documents including annexures, appendices etc are read and understood	Applicable/ Not Applicable	YES / NO
iii.	Audited Balance Sheet and profit & Loss Account for the last three years	Applicable/ Not Applicable	YES / NO
iv.	Copy of PAN Card & GST registration	Applicable/ Not Applicable	YES / NO
v.	Submission of Udyam Registration certificate as specified in Tender (applicable in case of MSME supplier)	Applicable/ Not Applicable	YES / NO
vi.	Offer forwarding letter / tender submission letter as per Annexure – 2	Applicable/ Not Applicable	YES / NO
vii.	Submission of Certificate of No Deviation as per Annexure – 3	Applicable/ Not Applicable	YES / NO
viii.	Declaration regarding Insolvency/ Liquidation/ Bankruptcy Proceedings as per Annexure – 4	Applicable/ Not Applicable	YES / NO
ix.	Declaration by Authorized Signatory as per Annexure – 5	Applicable/ Not Applicable	YES / NO
x.	Declaration by Authorized Signatory regarding Authenticity of submitted Documents Annexure – 6	Applicable/ Not Applicable	YES / NO
xi.	Submission of Non-Disclosure Certificate as per Annexure – 7	Applicable/ Not Applicable	YES / NO

xii.	Submission of Integrity Pact as specified in Tender as per Annexure – 8	Applicable/ Not Applicable	YES / NO
xiii.	Declaration confirming knowledge about Site Conditions as per Annexure – 9	Applicable/ Not Applicable	YES / NO
xiv.	Declaration reg. Related Firms & their areas of Activities as per Annexure – 10	Applicable/ Not Applicable	YES / NO
xv.	Declaration for relation in BHEL as per Annexure – 11	Applicable/ Not Applicable	YES / NO
xvi.	Declaration reg. minimum local content in line with revised public procurement as per Annexure – 12	Applicable/ Not Applicable	YES / NO
xvii.	Declaration regarding compliance to Restrictions under Rule 144 (xi) of GFR 2017 as per Annexure – 13	Applicable/ Not Applicable	YES / NO
xviii.	Bank Account Details for E-Payment as per Annexure – 14	Applicable/ Not Applicable	YES / NO
xix.	Power of Attorney for submission of tender as per Annexure – 15	Applicable/ Not Applicable	YES / NO
xx.	Proforma of Bank Guarantee for Earnest Money as per Annexure – 16	Applicable/ Not Applicable	YES / NO

NOTE: Strike off 'YES' or 'NO', as applicable. Tender not accompanied by the prescribed **above applicable documents** are liable to be summarily rejected.

DATE :

**Sign. of the AUTHORISED SIGNATORY
(With Name, Designation and Company seal)**

OFFER FORWARDING LETTER / TENDER SUBMISSION LETTER

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

Offer Reference No:

Date:

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub: Submission of Offer against GeM Bid No:

Having examined the tender documents against your GeM Bid No. _____ dated _____ and having understood the provisions of the said tender documents and having thoroughly studied the requirements of BHEL related to the work tendered for, in connection with **Supply and Installation of PLC system**, we hereby submit our offer for the proposed work in accordance with terms and conditions mentioned in the tender documents, at the prices quoted by us and as per the indicated delivery schedule.

I/We further agree to execute all the works referred to in the said Tender documents upon the terms and conditions contained or referred to therein and as detailed in the appendices annexed thereto.

Authorised Representative of Bidder

Signature:

Name:

Address:

Place:

Date:

CERTIFICATE OF NO DEVIATION

(To be Typed & submitted in the Letter Head of the Company/Firm of Bidder)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Subject: **No Deviation Certificate**

Ref: 1) GeM Bid No:

2) All other pertinent issues till date

We hereby confirm that we have not changed/ modified/materially altered any of the tender documents as downloaded from the website/ issued by BHEL and in case of such observance at any stage, it shall be treated as null and void.

We also hereby confirm that we have neither set any Terms and Conditions and nor have we taken any deviation from the Tender conditions together with other references applicable for the above referred GeM Bid.

We further confirm our unqualified acceptance to all Terms and Conditions, unqualified compliance to Tender Conditions.

We confirm to have submitted offer in accordance with tender instructions and as per aforesaid references.

Thanking you,

Yours faithfully,

**(Signature, date & seal of
authorized representative of the
bidder)**

Date:

Place:

UNDERTAKING

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir/Madam,

Sub: DECLARATION REGARDING INSOLVENCY/ LIQUIDATION/ BANKRUPTCY PROCEEDINGS

Ref: GeM Bid Specification No:

I/We, _____ declare that, I/We am/are not admitted under insolvency resolution process or liquidation under Insolvency and Bankruptcy Code, 2016, as amended from time to time or under any other law as on date, by NCLT or any adjudicating authority/authorities

**Sign. of the AUTHORISED SIGNATORY
(With Name, Designation and Company seal)**

Place:

Date:

DECLARATION BY AUTHORISED SIGNATORY OF BIDDER

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

-

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub: **Declaration by Authorised Signatory**

Ref: 1) GeM Bid Specification No:

2) All other pertinent issues till date

I/We, hereby certify that all the information and data furnished by me with regard to the above Tender Specification are true and complete to the best of my knowledge. I have gone through the specifications, conditions, stipulations and all other pertinent issues till date, and agree to comply with the requirements and Intent of the specification.

I further certify that I am authorised to represent on behalf of my Company/Firm for the above mentioned tender and a valid Power of Attorney to this effect is also enclosed.

Yours faithfully,

(Signature, Date & Seal of Authorized
Signatory of the Bidder)

Date:

Enclosed: Power of Attorney

DECLARATION BY AUTHORISED SIGNATORY OF BIDDER

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub : **Declaration by Authorised Signatory regarding Authenticity of submitted documents.**

Ref : 1) GeM Bid No. & Date:

2) All other pertinent issues till date

I/We, hereby certify that all the documents submitted by us in support of possession of "Qualifying Requirements" are true copies of the original and are fully compliant required for qualifying / applying in the bid and shall produce the original of same as and when required by Bharat Heavy Electricals Limited.

I / We hereby further confirm that no tampering is done with documents submitted in support of our qualification as bidder. I / We understand that at any stage (during bidding process or while executing the awarded contract) if it is found that fake / false / forged bid qualifying / supporting documents / certificates were submitted, it would lead to summarily rejection of our bid / termination of contract. BHEL shall be at liberty to initiate other appropriate actions as per the terms of the Bid / Contract and other extant policies of Bharat Heavy Electricals Limited.

Yours faithfully,

**(Signature, Date & Seal of Authorized
Signatory of the Bidder)**

Date:

NON-DISCLOSURE CERTIFICATE

(To be Typed & submitted in the Letter Head of the Company/Firm of Bidder)

I/We understand that BHEL, Trichy is committed to Information Security Management System as per their Information Security Policy.

Hence, I/We M/s who are submitting offer for providing Supply/services to BHEL, Trichy against GeM Bid No..... hereby undertake to comply with the following in line with Information Security Policy of BHEL, Trichy.

- To maintain confidentiality of documents & information which shall be used during the execution of the Contract.
- The documents & information shall not be revealed to or shared with third party which shall not be in the business interest of BHEL, Trichy.

**(Signature, date & seal of Authorized
Signatory of the bidder)**

Date:

DECLARATION

Date: _____

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir/ Madam,

Sub: Details of related firms and their area of activities

Please find below details of firms owned by our family members that are doing business/ registered for same item with BHEL, _____ (NA, if not applicable)

1	Material Category/ Work Description	
	Name of Firm	
	Address of Firm	
	Nature of Business	
	Name of Family Member	
	Relationship	
2	Material Category/ Work Description	
	Name of Firm	
	Address of Firm	
	Nature of Business	
	Name of Family Member	
	Relationship	
...		

Note: I certify that the above information is true and I agree for penal action from BHEL in case any of the above information furnished is found to be false.

Regards,

(_____)

From: M/s

Supplier

Code:

Address:

DECLARATION FOR RELATION IN BHEL

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder failing which the offer of Bidder is liable to be summarily rejected)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub: Declaration for relation in BHEL

Ref: 1) GeM Bid Specification No:

I/We hereby submit the following information pertaining to relation/relatives of Proprieter/Partner(s)/ Director(s) employed in BHEL

Tick (✓) any one as applicable:

1. The Proprieter, Partner(s), Director(s) of our Company/Firm DO NOT have any relation or relatives employed in BHEL

OR

2. The Proprieter, Partner(s), or Director(s) of our Company/Firm HAVE relation/relatives employed in BHEL and their particulars are as below:

i.

ii.

**(Signature, Date & Seal of
Authorized Signatory of the Bidder)**

Note:

1. Attach separate sheet, if necessary.
2. If BHEL Management comes to know at a later date that the information furnished by the Bidder is false, BHEL reserves the right to take suitable against the Bidder/Contractor.

**DECLARATION REGARDING MINIMUM LOCAL CONTENT IN LINE WITH
REVISED PUBLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA), ORDER
2017 DATED 04TH**

JUNE, 2020 AND SUBSEQUENT ORDER(S)

(To be typed and submitted in the Letter Head of the Entity/Firm providing certificate as applicable)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub: Declaration reg. minimum local content in line with Public Procurement (Preference to Make in India), Order 2017-Revision, dated 04th June, 2020 and subsequent order(s).

Ref: 1) GeM Bid Specification No:

2) All other pertinent issues till date

We hereby certify that the items/works/services offered by.....
(specify the name of the organization here) has a local content of _____ % and this meets the local content requirement for '**Class-I local supplier**' / '**Class II local supplier**' ** as defined in Public Procurement (Preference to Make in India), Order 2017-Revision dated 04.06.2020 issued by DPIIT and subsequent order(s).

The details of the location(s) at which the local value addition is made are as follows:

- | | |
|----------|----------|
| 1. _____ | 2. _____ |
| 3. _____ | 4. _____ |

Thanking you,
Yours faithfully,

**(Signature, Date & Seal of
Authorized Signatory of the
Bidder)**

**** - Strike out whichever is not applicable.**

Note:

1. Bidders to note that above format, duly filled & signed by authorized signatory, shall be submitted along with the techno-commercial offer.
2. In case the bidder's quoted value is in excess of Rs. 10 crores, the authorized signatory for this declaration shall necessarily be the statutory auditor or cost auditor of the company (in the case of companies) or a practising cost accountant or practicing chartered accountant (in respect of suppliers other than companies).
3. In the event of false declaration, actions as per the above order and as per BHEL Guidelines shall be initiated against the bidder.

DECLARATION REGARDING COMPLIANCE TO RESTRICTIONS UNDER RULE 144 (xi) OF GFR 2017

(To be typed and submitted in the Letter Head of the Entity/ Firm providing certificate as applicable)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub: Declaration regarding compliance to Restrictions under Rule 144 (xi) of GFR 2017

Ref: 1) GeM Bid Specification No:
2) All other pertinent issues till date

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India. I certify that _____ (**SPECIFY THE NAME OF THE ORGANIZATION HERE**), is not from such a country/ has been registered with the Competent Authority (*attach valid registration by the Competent Authority, i.e., the Registration Committee constituted by the Dept. for Promotion of Industry and Internal Trade (DPIIT).*)

I hereby certify that we fulfil all requirements in this regard and is eligible to be considered.

Thanking you,

Yours faithfully,

**(Signature, Date & Seal of
Authorized Signatory of the Bidder)**

Note: Bidders to note that in case above certification given by a bidder, whose bid is accepted, is found to be false, then this would be a ground for immediate termination and for taking further action in accordance with law and as per BHEL guidelines.

POWER OF ATTORNEY for SUBMISSION OF TENDER

(To be typed on non-judicial stamp paper of minimum Rs. 100/- and Notarized)

KNOW ALL MEN BY THESE PRESENTS, that I/We do hereby make, nominate, constitute and appoint Mr..... , whose signature given below herewith to be true and lawful Attorney of M/s..... hereinafter called 'Company', for submitting Tender/entering into Contract and inter alia, sign, execute all papers and to do necessary lawful acts on behalf of Company with M/s Bharat Heavy Electricals Ltd, Trichy, in connection with.....vide GeM Bid

No: _____, dated _____.

And the Company do hereby agree to ratify and confirm all acts, deeds, things or proceedings as may be lawfully done by the said attorney and by or on behalf of the company and in the name of the company, by virtue of the powers conferred herein and the same shall be binding on the company and shall have full force and effect.

IN WITNESS WHEREOF, the common seal of the company has been hereunto affixed in the manner hereinafter appearing on the document.

Dated at _____, this _____ day of _____

Director/CMD/Partner/Proprietor

Signature of Mr. (Attorney)

Attested by: Director/CMD/Partner/Proprietor

Witness

Notary Public